

# **RELOCATED ROUTE 403 CONSTRUCTION PROJECT**



**RHODE ISLAND DEPARTMENT OF TRANSPORTATION**

# **Project Overview**

- **Freeway Length: 4½ miles**
- **Interchanges:**
  - **Route 4**
  - **West Davisville**
  - **Post Road**
- **Posted Speed Limit: 45 - 50 mph**
- **Number of Travel Lanes: 4, 2 in each direction**
- **Total Estimated Project Cost: \$170 Million**


# RELOCATED ROUTE 403

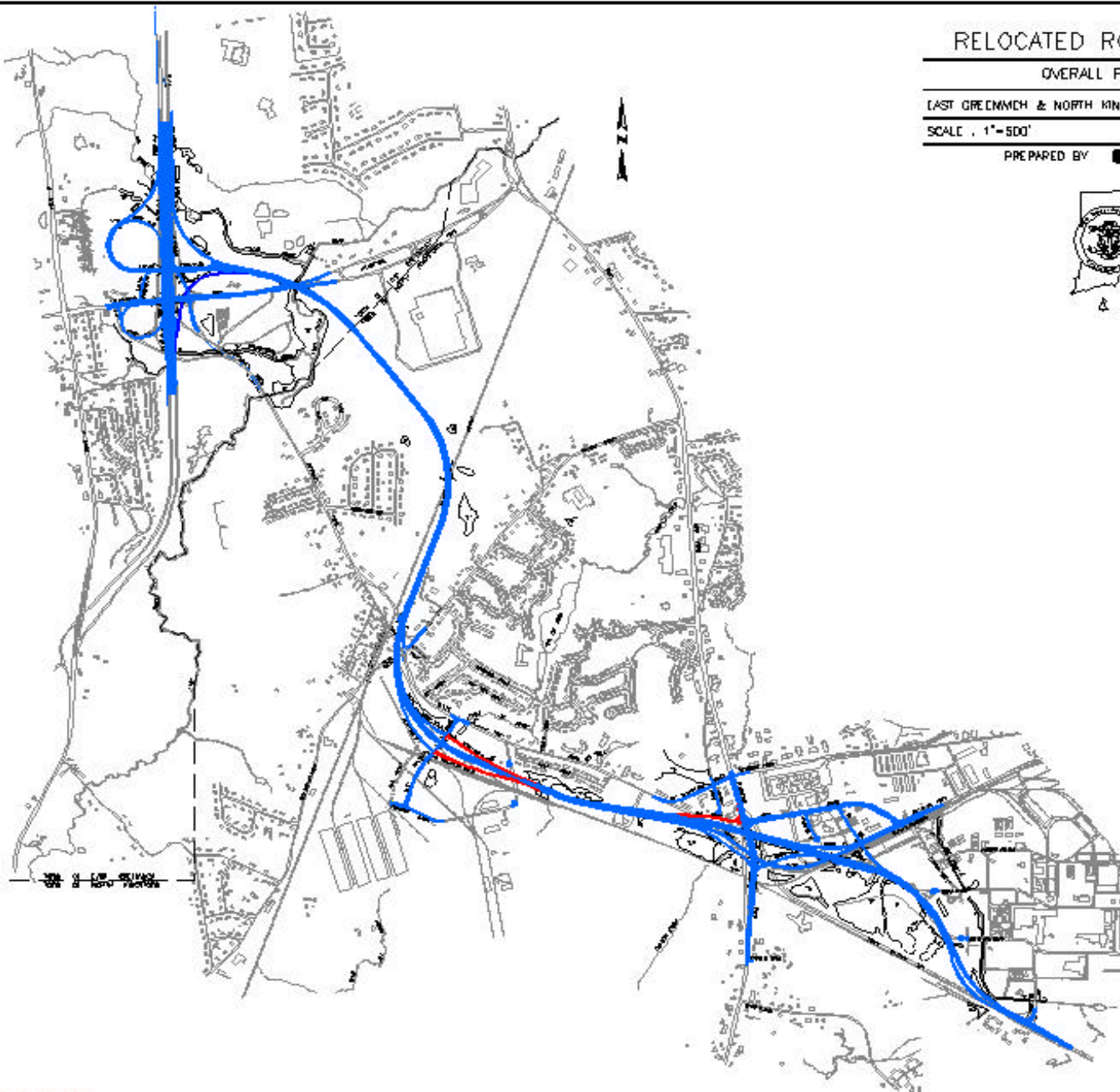
## OVERALL PLAN

EAST GREENMICH & NORTH MINDSTOWN, RHODE ISLAND

SCALE : 1"=500'

AUGUST, 1999

PREPARED BY 



# Project Construction Staging

## Objectives

- **Maintain traffic flow on existing roadways**
- **Place completed sections in service as soon as possible after construction**
- **Develop a fiscally manageable program**
- **Construct critical roadway segments first**

# 2 Stage Construction Program

Stage 1 – QP/D to School Street


# RELOCATED ROUTE 403

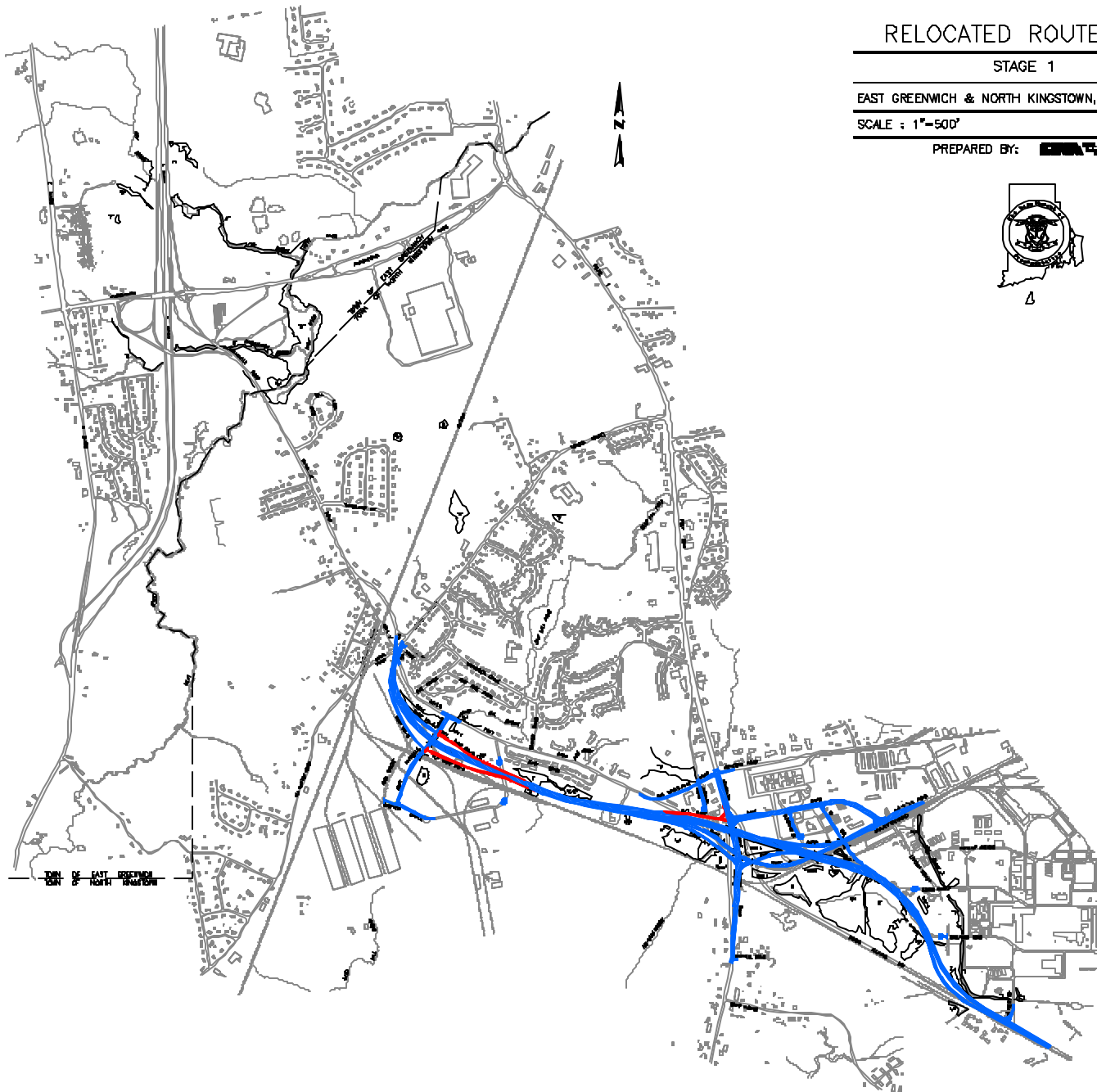
STAGE 1

EAST GREENWICH & NORTH KINGSTOWN, RHODE ISLAND

SCALE : 1"=500'

AUGUST, 1999

PREPARED BY: 



# 2 Stage Construction Program

## Stage 1 – QP/D to School Street

### ➤ Four (4) Construction Contracts:

1. Post Road Phase I
2. Temporary Davisville Railroad Bridge No. 369
3. West Davisville Road Interchange
4. Post Road Phase II

### ➤ Related Contracts:

1. North Kingstown Transfer Station Relocation
2. Landscape Stage 1

### ➤ Estimated Construction Cost: \$70 Million

# **Stage 1 – QP/D to School Street**

## **Four (4) Construction Contracts:**

### **➤ 1. Post Road Phase I**

- Anticipated Completion: March 1, 2004**
- Approximate Construction Cost: \$24 Million**

### **➤ 2. Temporary Davisville Railroad Bridge No. 369**

- Completed and Open to Traffic: June 2003**
- Approximate Construction Cost: \$2 Million**



# **Stage 1 – QP/D to School Street**

## **Four (4) Construction Contracts (cont.):**

### **➤ 3. West Davisville Road Interchange**

- Anticipated Completion: February 1, 2004**
- Approximate Construction Cost: \$10 Million**

### **➤ 4. Post Road – Phase 2**

- Anticipated Completion: June 2006**
- Approximate Construction Cost: \$26 Million**



Artists view of completed Post Road Interchange looking north along Post Road.





Artists view of West Davisville Road Interchange looking east towards Quonset/Davisville.



# **Stage 1 – QP/D to School Street**

## **Related Contracts:**

### **➤ 1. Transfer Station**

- Anticipated Completion: April 2004**
- Estimated Construction Cost: \$3 Million**

### **➤ 2. Landscape Stage 1**

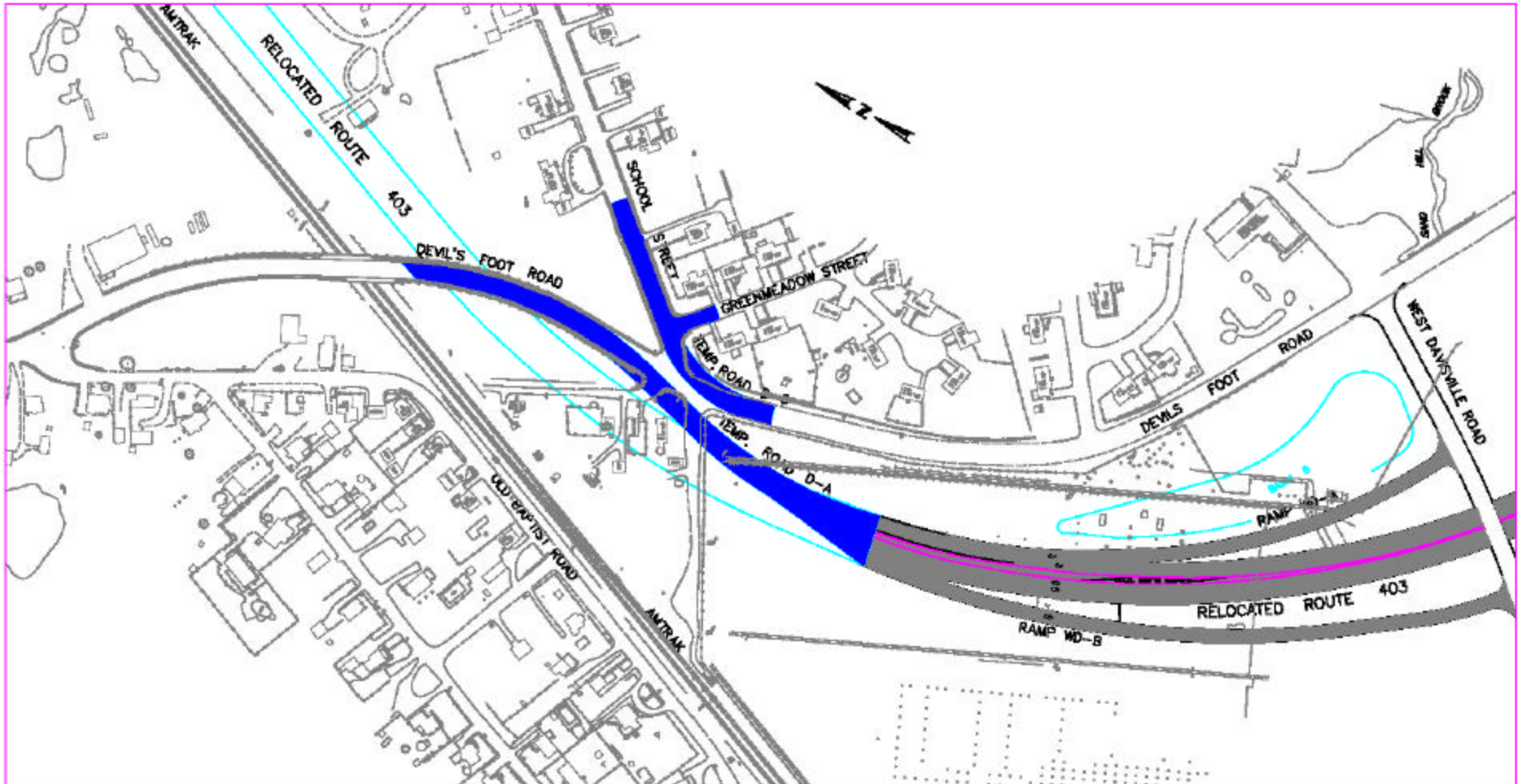
- Anticipated Completion: September 2005**
- Estimated Construction Cost: \$2 - 3 Million**

# **Stage 1 – QP/D to School Street**

## **Temporary Connection at School Street**

- **Will allow the completed section of freeway to be opened to traffic from Quonset/Davisville to School Street.**
- **School Street and Devil's Foot Road traffic will access Davisville Road from the new West Davisville Road Interchange.**





# Temporary Roadway Connection

# **2 Stage Construction Program**

**Stage 2 – Route 4 to School Street**



# RELOCATED ROUTE 403

## STAGE 2 OVERVIEW PLAN

NORTH KINGSTOWN,

RHODE ISLAND

SCALE: 1"=500'

SEPTEMBER, 2000

PREPARED BY:



STAGE 2

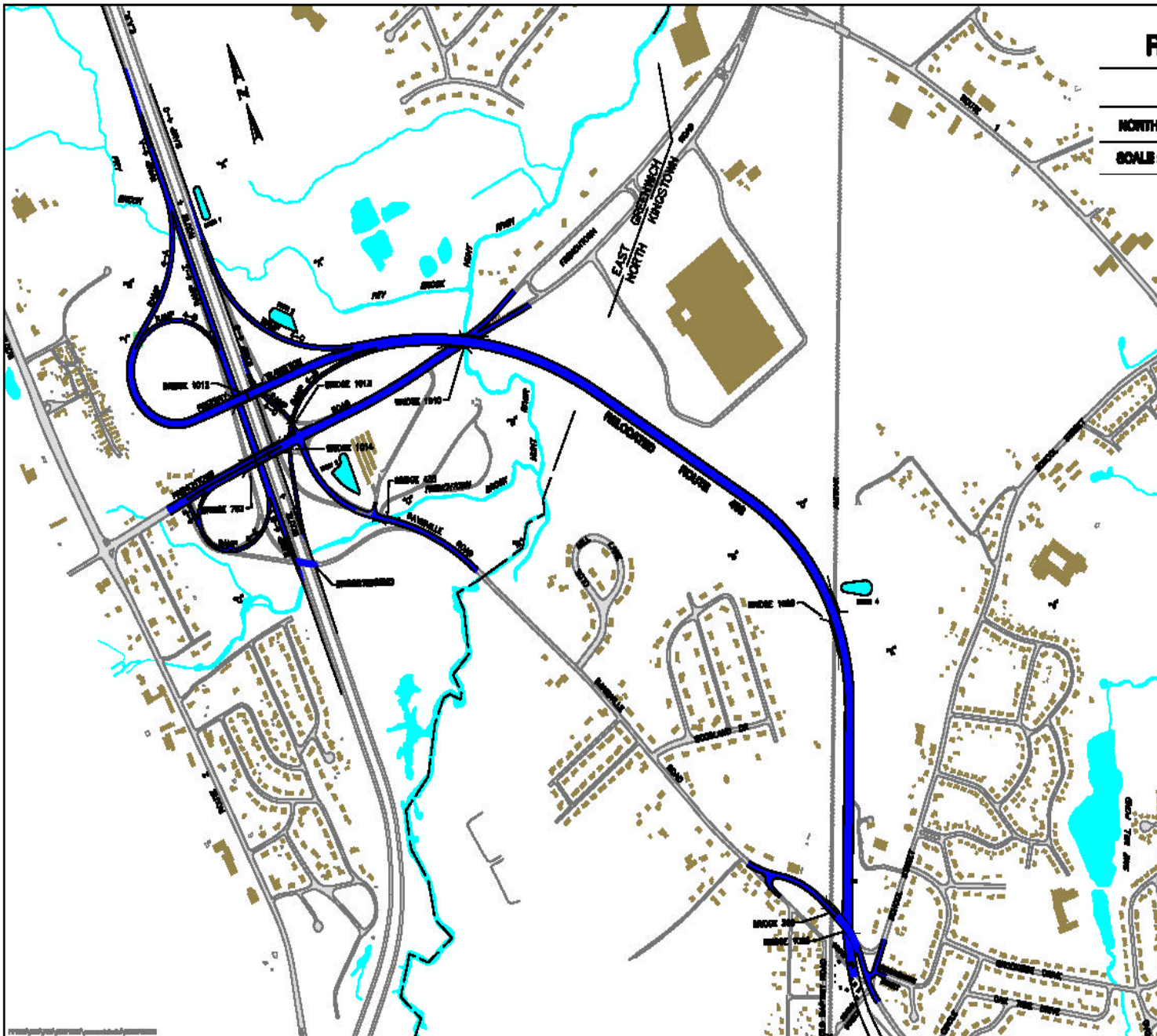
### PROJECT

### COST

• BRIDGE 1000000	\$14,118,000
• ROUTE 4 - PHASE 1	\$ 8,880,000
• RIGHT OF WAY	\$ 7,880,000
• BRIDGE 1012	\$ 8,880,000
• LANDSCAPE STAGE 1	\$ 2,480,000
• BRIDGE 1000	\$12,880,000
• BRIDGE 1010	\$ 8,810,000
• ROUTE 4 PHASE 2	\$34,118,000
• LANDSCAPE STAGE 2	\$ 2,480,000
• BRIDGE 400 & 700	\$ 1,480,000
<b>TOTAL</b>	<b>\$100,880,000</b>

### LEGEND

	EXISTING ROADWAY
	WETLAND AREA
	WATER FEATURE
	PROPOSED BRIDGE
	ALIGNED TO BE ACQUIRED
	EXISTING BUILDING



# 2 Stage Construction Program

## Stage 2 – Route 4 to School Street

### ➤ Six (6) Construction Contracts:

1. Route 4 – Phase 1
2. Bridge No. 1012
3. Bridge No. 1009
4. Bridge No. 1010
5. Route 4 – Phase 2
6. Bridge Nos. 435 & 765

### ➤ Related Contracts/Costs:

1. Right-of-Way Acquisitions
2. Landscape Stage 2

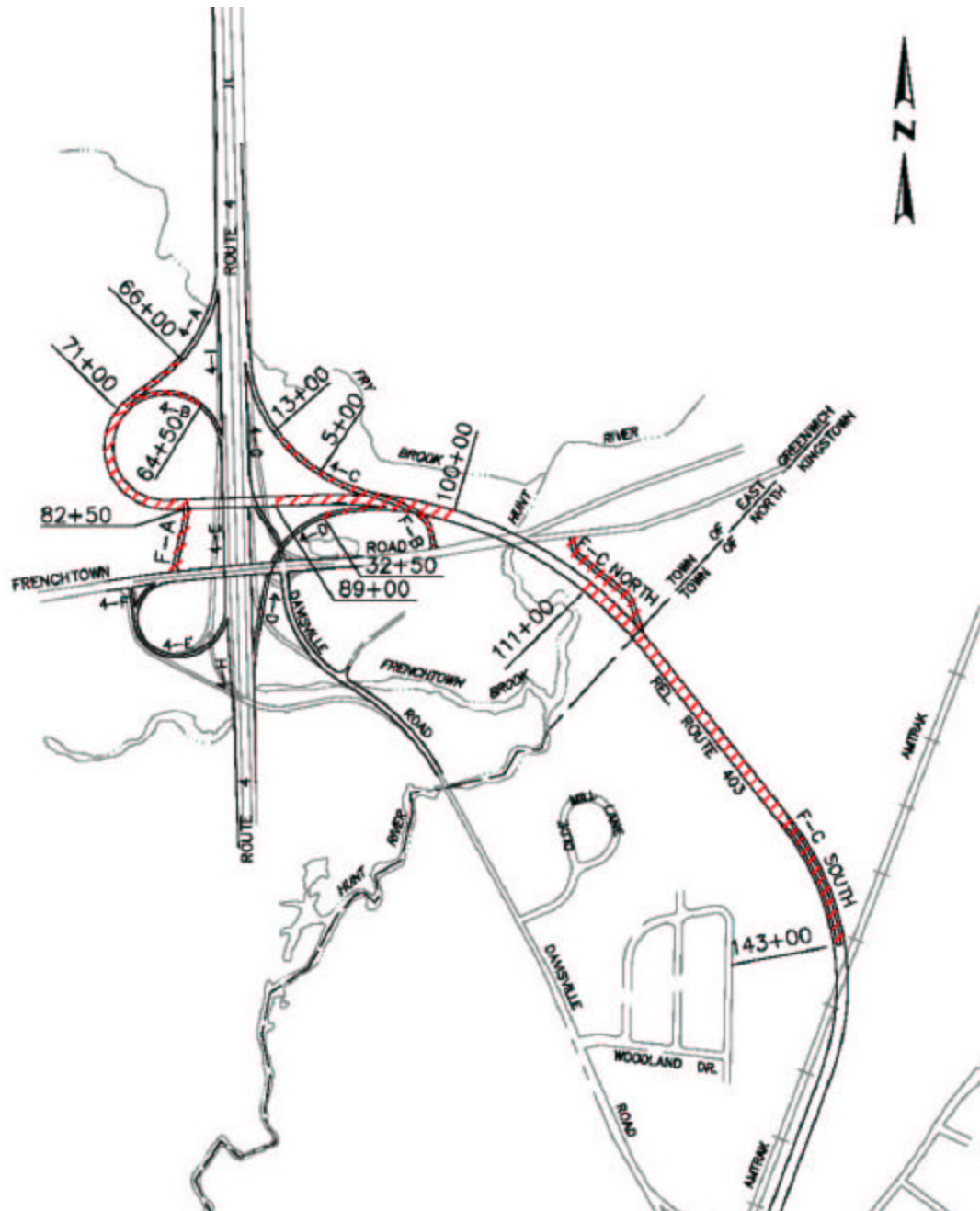
### ➤ Estimated Cost: \$100 Million

## **Stage 2 – School Street to Route 4**

### **Six (6) Construction Contracts:**

#### **➤ 1. Route 4 – Phase 1**

- **Summary**
  - **Partial Construction**
    - **Route 403/Route 4 Interchange**
    - **Temporary Roads and Ramps**
- **Projected Start: March 2004**
- **Projected Completion: February 2005**
- **Estimated Construction Cost: \$13.5 Million**



## RELOCATED ROUTE 403

### ROUTE 4 – PHASE 1

LEGEND	
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<span style="display: inline-block; width: 20px; height: 10px; background-color: green; border: 1px solid black;"></span>	PREVIOUS CONSTRUCTION
<span style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, green 2px, green 4px); border: 1px solid black;"></span>	PREVIOUS PARTIAL CONSTRUCTION

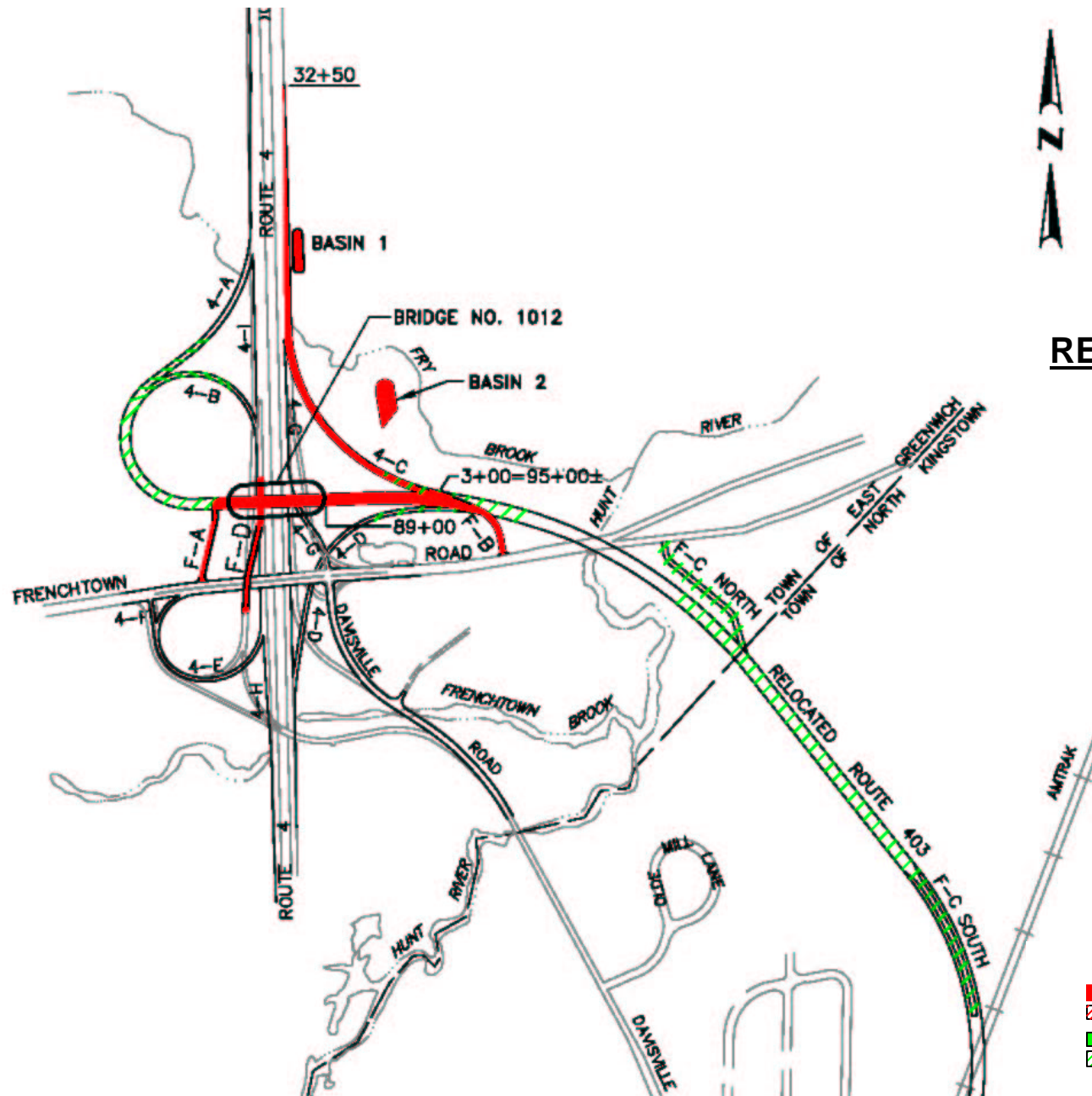
## **Stage 2 – School Street to Route 4**

### **Six (6) Construction Contracts:**

#### **➤ 2. Bridge No. 1012**

- **Summary**
  - **Construct New Route 403 Bridge Over Route 4**
  - **Approaches to be Completed Under Route 4 - Phase 2**
  - **Complete Construction of Basins No. 1 & 2**
- **Projected Start: October 2004**
- **Projected Completion: June 2006**
- **Estimated Construction Cost: \$9.5 Million**





## RELOCATED ROUTE 403

### BRIDGE 1012

#### LEGEND

- COMPLETE CONSTRUCTION
- ▨ PARTIAL CONSTRUCTION
- PREVIOUS CONSTRUCTION
- ▨ PREVIOUS PARTIAL CONSTRUCTION

## **Stage 2 – School Street to Route 4**

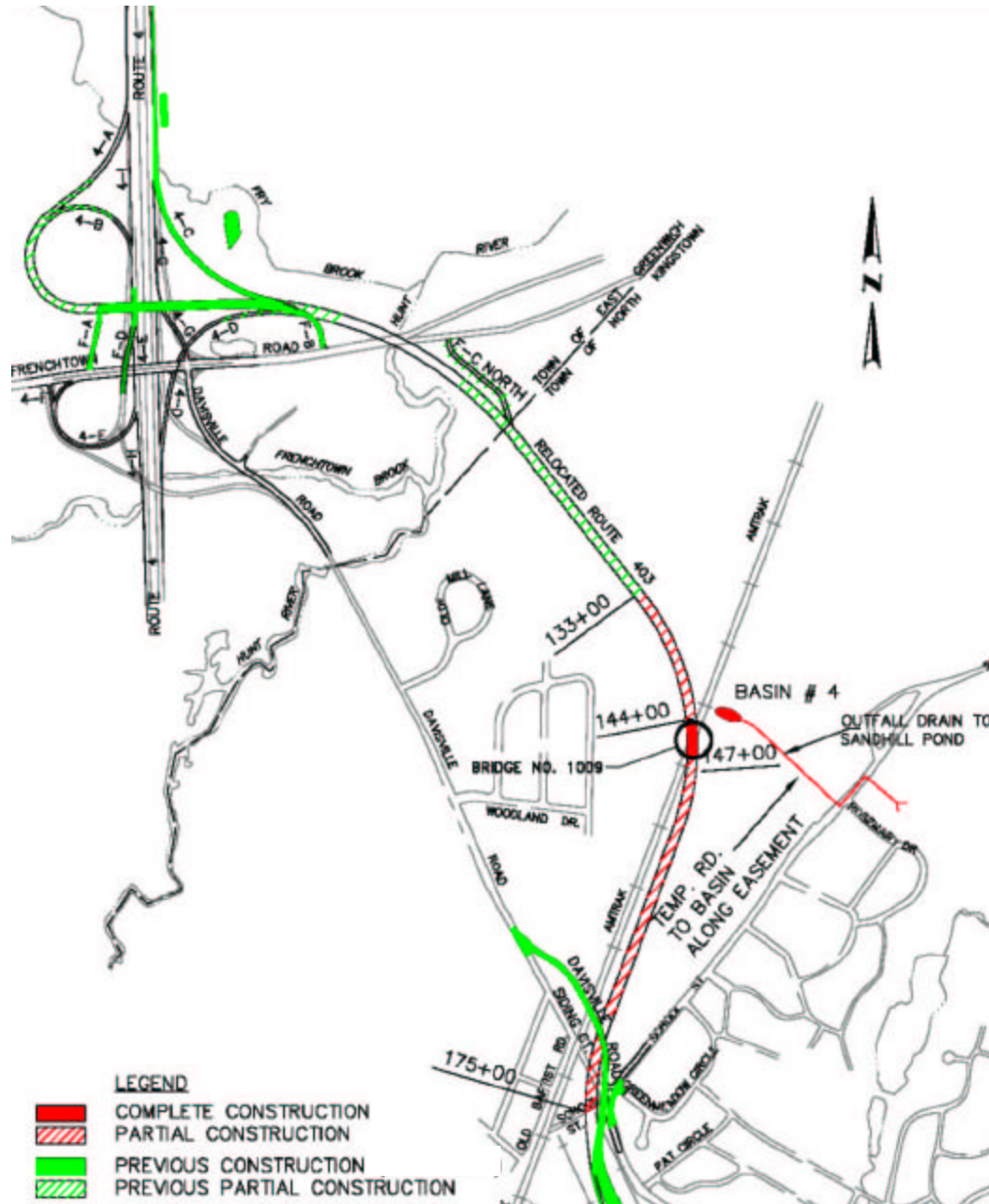
### **Six (6) Construction Contracts:**

#### **➤ 3. Bridge No. 1009**

- **Summary**
  - **Construct New Route 403 Bridge Over Amtrak**
  - **Partial Construction of Approaches**
  - **Approaches to be Completed Under Route 4 - Phase 2**
  - **Complete Construction of Basin No. 4**
- **Projected Start: April 2005**
- **Projected Completion: June 2007**
- **Estimated Construction Cost: \$17.2 Million**

## RELOCATED ROUTE 403

### BRIDGE NO. 1009





## **Stage 2 – School Street to Route 4**

### **Six (6) Construction Contracts:**

#### **➤ 4. Bridge No. 1010**

- **Summary**
  - **Construct New Route 403 Bridge Over Frenchtown Rd.**
  - **Partial Construction of Approaches**
  - **Approaches to be Completed Under Route 4 - Phase 2**
- **Projected Start: June 2005**
- **Project Completion: June 2007**
- **Estimated Construction Cost: \$8.4 Million**



# **Stage 2 – School Street to Route 4**

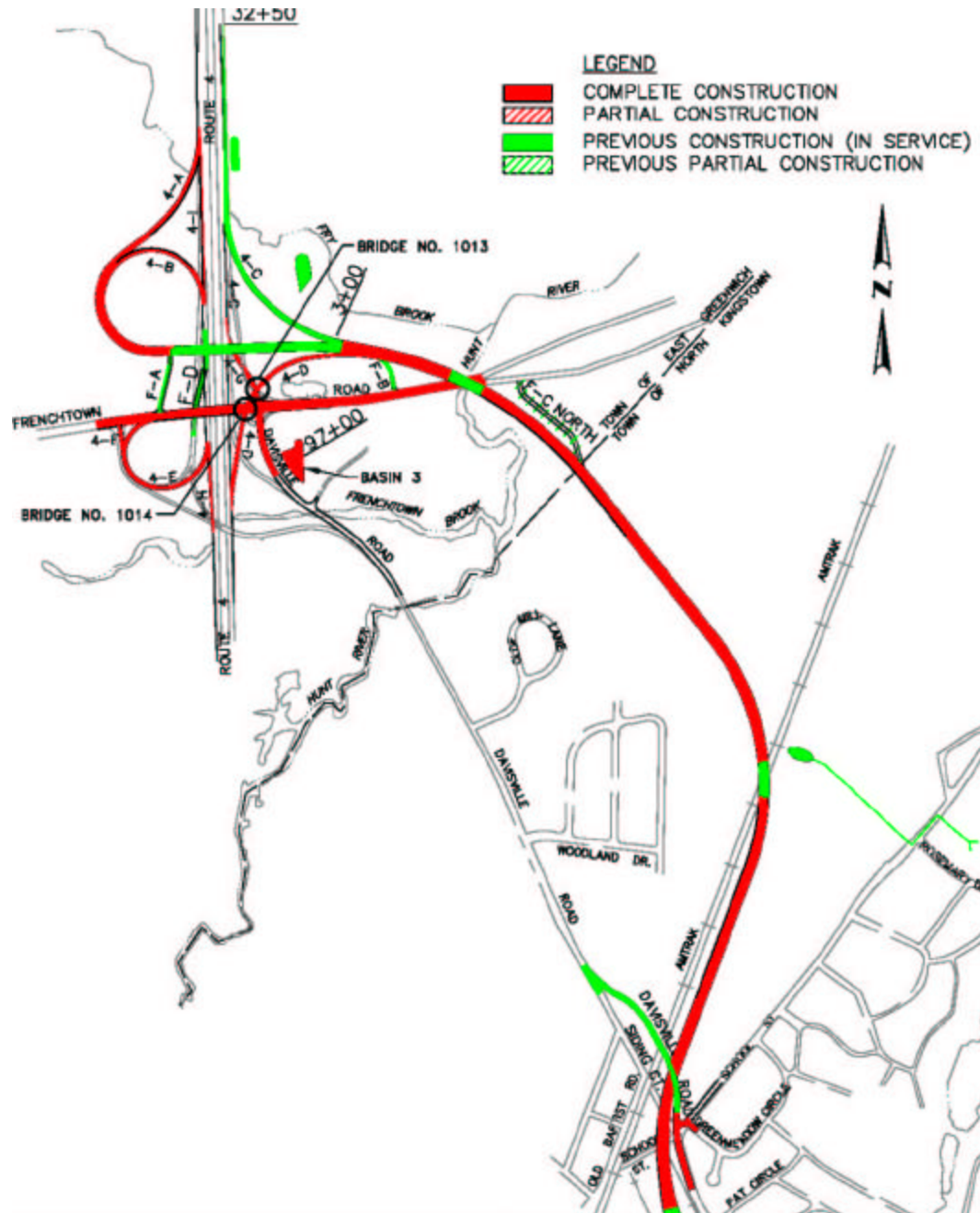
## **Six (6) Construction Contracts:**

### **➤ 5. Route 4 – Phase 2**

- **Summary**
  - **Complete Construction of Rte. 403/Rte. 4 Interchange**
  - **Complete Construction of Bridge Approaches**
  - **Complete Construction of Basin No. 3**
- **Projected Start: June 2005**
- **Project Completion: December 2007**
- **Estimated Construction Cost: \$38.1 Million**

## RELOCATED ROUTE 403

### ROUTE 4 – PHASE 2



## **Stage 2 – School Street to Route 4**

### **Stage 2 Open to Traffic**

#### **➤ Relocated Route 403:**

**Upon Completion of the Route 4 – Phase 2 Contract, Relocated Route 403 will be complete and open to traffic.**



Artists view of Relocated Route 403 looking north along School Street





# RELOCATED ROUTE 403

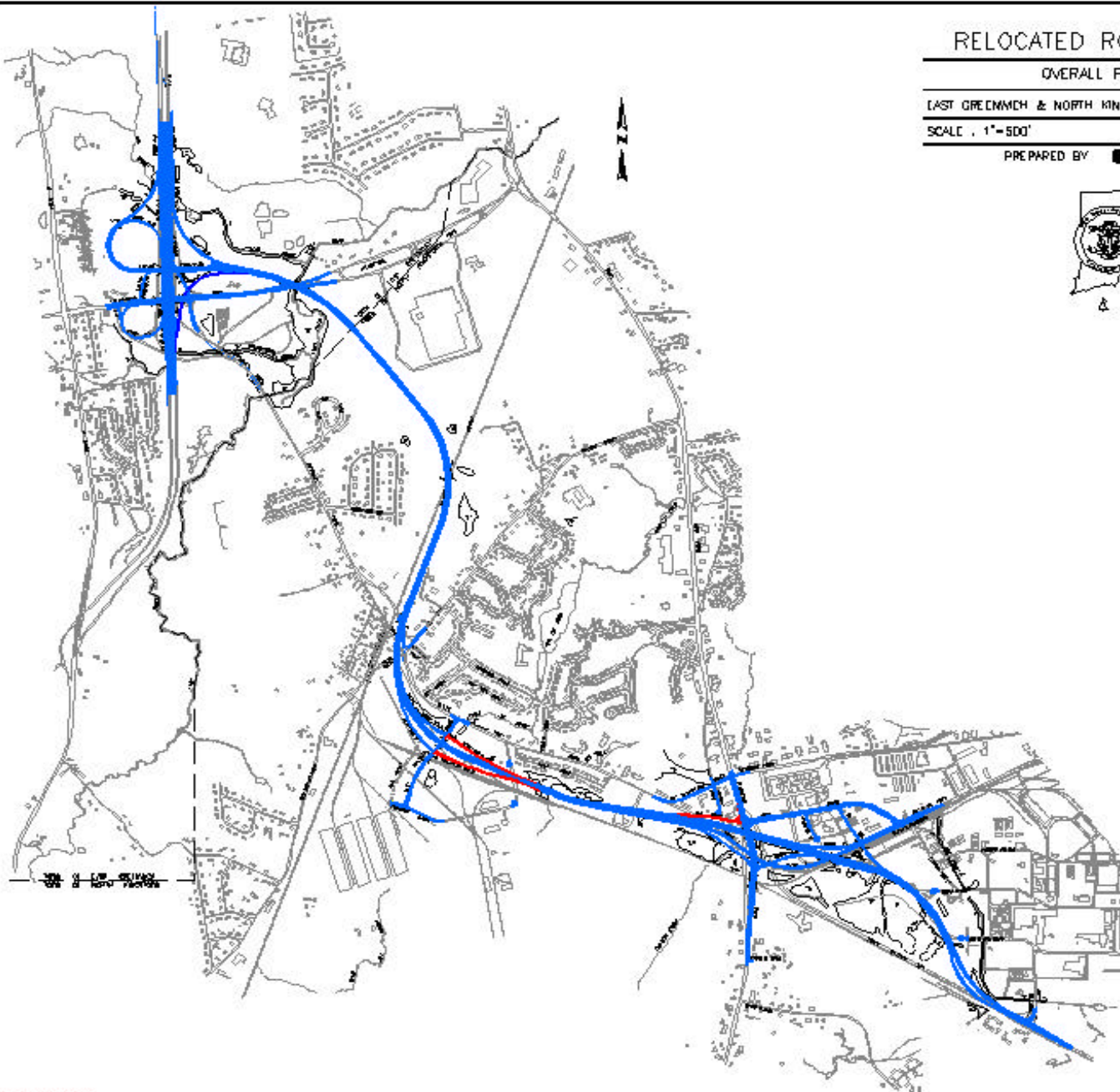
## OVERALL PLAN

EAST GREENMICH & NORTH MINDSTOWN, RHODE ISLAND

SCALE : 1"=500'

AUGUST, 1999

PREPARED BY [REDACTED]



## **Stage 2 – School Street to Route 4**

### **Six (6) Construction Contracts:**

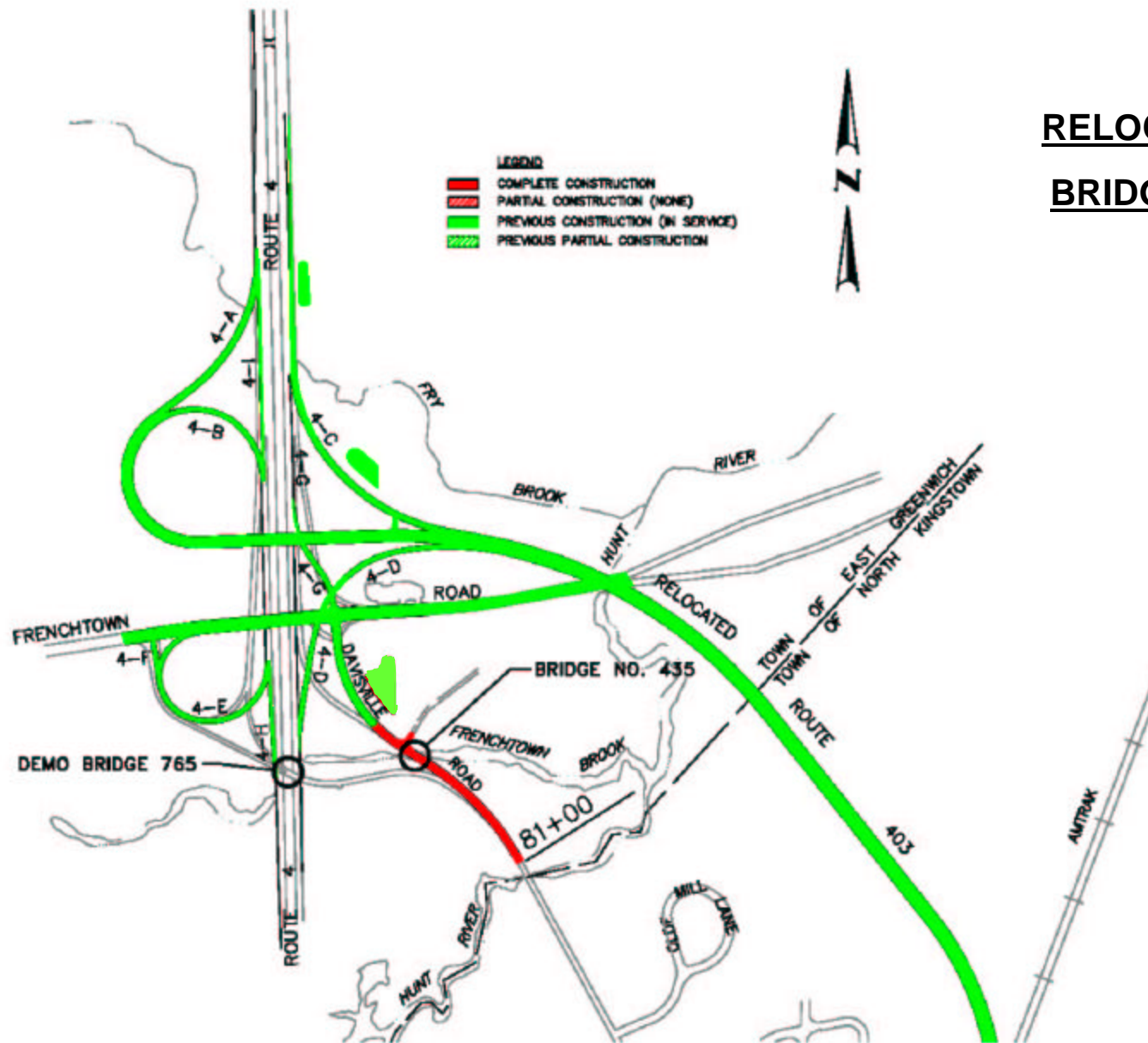
#### **➤ 6. Bridge Nos. 435 & 765**

- **Summary**
  - **Rehabilitate Bridge No. 435**
  - **Demolish and Remove Bridge No. 765**
- **Projected Start: April 2008**
- **Project Completion: December 2008**
- **Estimated Construction Cost: \$1.5 Million**



**BRIDGE NOS. 435 & 765**

**BRIDGE NOS. 435 & 765**



# **Relocated Route 403**

- **Upon Completion of Contract No. 6 and the Landscape Contract, the Relocated Route 403 Contract will be complete.**
- **Approximate Final Project completion date is December 2008.**

Artists view of Route 4 Interchange looking west towards Route 4



The background features a minimalist design with several overlapping rectangular blocks in various shades of gray. A prominent dark gray vertical bar is on the left, and a horizontal bar of the same shade is positioned behind the text. Other lighter gray blocks are visible in the upper and lower portions of the frame.

THANK YOU